



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: May 21, 2017
RELEASED: May 22, 2017

FREQUENCY: Weekly
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WEATHER

At the beginning of the week, some light scattered showers fell across the central/northern Sierras, northern coastal mountains, and far northern mountains. The heaviest precipitation fell along the windward slopes of the central and northern Sierras, where up to an inch of rain fell. Temperatures were cold enough in the mountains early in the week to allow for additional snow showers in the northern Sierras, at elevations above 6,000 feet. Warmer temperatures by the end of the week resulted in the most snowmelt we have seen so far this year. Snowpacks were limited to one to two feet above 7,500 feet in the southern Sierras; two to four feet above 7,000 feet in the central Sierras; and six feet above 6,000 feet in the northern Sierras/northern mountains. During the end of the week, a building upper-level ridge brought dry conditions and much hotter temperatures.

Temperature highs were in the 40s to 80s in the mountains, 70s to 80s along the coast, 70s to 90s in the valley, and 70s to 100s in the desert. The temperature lows were in the 20s to 30s in the mountains, 40s to 50s in the valley, 40s to 60s in the desert, and 50s to 60s along the coast.

FIELD CROPS

Winter wheat was being green chopped for silage, with harvest nearing completion. Harvested fields were being disced and planted to silage or other forage crops. **Alfalfa** fields were making excellent progress; and being cut, dried, and baled. **Corn** continued being planted, and earlier planted fields were growing well. Corn fields were being injected with nitrogen to promote growth. **Cotton** was emerging and being irrigated. **Rice** was being planted.

FRUIT CROPS

Grapes and stone fruits were developing well with the favorable weather and water conditions. Some grape leaves were removed to promote air circulation and light access to developing bunches. Thinning of immature stone fruit continued. New fruit tree orchards and vineyards were irrigated. Irrigation system maintenance occurred in some orchards. **Pomegranate** and **Olive** bloom continued. Mechanical and chemical weed control continued in orchards. **Cherry** harvest was in full swing. **Plums**, **apricots**, early **peaches**, and **nectarines** were harvested in the San Joaquin Valley. Late Navel **orange** harvest was finishing up for the season. Valencia orange harvest continued. Old citrus orchards were pulled to make space for new citrus plantings.

NUT CROPS

Almond nut development was progressing well. **Pistachio**, **walnut**, and almond orchards were irrigated and fertilized. Some orchard floors were sprayed with herbicides and fungicides.

VEGETABLE CROPS

In Monterrey County, harvest of lettuce was ongoing. Early summer vegetables continued to grow and the fields were being prepped for harvest. Early planted melons were being picked. **Zucchini** was being harvested. In Fresno county, early planted **tomatoes** had fruit. **Peppers** continued to be planted. **Broccoli** for seed was being prepared for cutting.

LIVESTOCK

Foothill rangeland and valley dryland pasture forage quality remained primarily in fair to excellent condition. Drying out of grasses was noted in the foothills of the southern Sierras. Supplemental feeding of livestock was very limited due to the abundance of quality range. Sheep grazed on retired pasture and dormant alfalfa. Bees were active in melon and vegetable fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 05/21/2017											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 05/21/2017	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1 - 05/21/2017	January 1 - 05/21/2017	July 1 - 05/21/2017	Week Ending 05/21/2017	July 1 - 05/21/2017	July 1 - 05/21/2017	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days 3/ - -	-- Inches of Precipitation --			
North Coast											
Eureka WFO	52	-2	60	41	2	0	131	0.57	54.11	37.08	38.10
Ukiah	64	2	95	42	164	69	101	0.00	50.63	38.34	38.90
Santa Rosa	64	2	89	41	134	103	88	0.00	59.00	30.61	31.01
Napa State Hospital	65	2	92	43	196	110	76	0.00	44.49	26.10	26.46
Central Coast											
San Francisco	62	3	87	49	112	47	77	0.00	30.92	19.89	20.11
San Jose	66	1	89	48	247	187	71	0.00	18.28	14.87	15.08
Salinas	60	1	80	46	94	57	55	0.00	13.89	12.78	12.91
Monterey	56	-1	69	47	24	8	74	0.00	24.28	20.03	20.35
King City Ag	56	-7	69	46	81	134	53	0.00	14.40	12.16	12.30
Paso Robles	65	1	98	40	199	104	54	0.00	14.08	13.02	13.08
Sacramento Valley											
Redding	70	3	98	42	324	187	98	0.02	46.14	32.40	33.52
Red Bluff	70	1	98	44	321	253	87	0.02	29.44	23.35	24.07
Willows 6W	68	2	98	45	259	193	65	0.00	27.81	18.53	19.03
Oroville	70	3	96	47	329	208	82	0.00	32.98	28.18	28.75
Marysville	68	-1	95	44	279	318	76	0.01	28.82	21.62	22.07
Sacramento	68	2	96	46	266	208	74	0.00	32.95	17.62	17.93
San Joaquin Valley											
Stockton	69	2	100	47	305	253	75	0.00	21.68	13.64	13.84
Modesto	70	2	98	49	434	324	63	0.00	16.79	12.86	13.12
Merced Macready	67	-1	97	44	251	259	65	0.00	15.79	12.29	12.50
Madera	69	0	98	48	365	284	57	0.00	14.11	11.71	11.94
Fresno	70	0	97	50	448	315	56	0.00	17.20	10.88	11.23
Lemoore NAS	67	-2	99	43	326	291	47	0.00	10.17	7.72	7.89
Visalia	69	0	97	48	390	298	47	0.00	11.19	10.78	11.03
Bakersfield	72	1	99	52	604	395	44	0.00	7.79	6.33	6.49
Cascade Sierra											
Alturas	51	-1	79	27	13	0	108	0.19	13.39	10.96	12.13
Mount Shasta	56	2	84	34	33	0	107	0.05	59.70	37.65	39.16
Blue Canyon	54	0	76	34	37	0	110	0.45	114.98	64.73	66.36
Yosemite Valley	55	-3	83	21	42	25	72	0.35	63.25	36.49	37.73
South Coast											
Santa Maria	59	1	84	42	95	35	62	0.00	18.44	13.82	14.01
Santa Barbara	62	1	82	47	144	159	48	0.00	24.20	16.76	16.93
Oxnard NWS	62	1	83	47	186	163	47	0.00	21.98	15.53	15.62
Riverside	68	0	97	48	576	370	40	0.00	12.93	10.09	10.22
Los Angeles	65	2	87	54	278	315	45	0.00	16.33	13.03	13.15
San Diego	67	2	85	58	464	407	45	0.02	12.85	10.65	10.77
Southeast Interior											
Bishop	60	-3	90	34	107	116	37	0.13	9.19	4.70	5.02
Daggett	70	-4	100	49	674	524	20	0.00	4.22	4.05	4.17
Lancaster ATC	65	-2	94	44	255	226	33	0.00	6.51	7.33	7.40
Thermal	76	-4	106	54	1290	1020	22	0.00	3.98	3.50	3.53
Blythe	76	-4	103	53	1298	972	23	0.00	5.20	4.00	4.02
Imperial CA	75	-3	104	56	1315	937	18	0.00	2.43	2.96	2.96

1/ Precipitation (rain or melted snow/ice).
2/ Normal periods 1970-2000 used in Departure From Normal calculations.
3/ Total number of days with precipitation events this season.
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